

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) ~~A DC-powered~~ An AC electricity supply device, system comprising:

a plurality of DC power sources;

a) ~~A~~ a plurality of inverters; inverters, wherein each inverter is connected to a corresponding DC power source and is configured to convert DC electricity from the corresponding DC power source into AC electricity;

b) ~~A DC source connected to each inverter;~~

a power line connecting each of the plurality of inverters to an AC load for providing AC electricity from the plurality of inverters to the AC load; and

e) ~~A~~ a controller connected operatively coupled to said inverter; and each of the plurality of inverters by a communications bus, d) where said wherein the controller measures is configured to measure a power consumption of the AC load and, based on said the measured power consumption of the AC load, determines which inverter to activate. activate an appropriate number of inverters.

2. (Currently amended) ~~A device as in~~ The AC electricity supply system of claim 1 ~~where said wherein the plurality of DC power source is a battery. sources comprise a plurality of batteries.~~

3. (Currently amended) ~~A device as in~~ The AC electricity supply system of claim 1 wherein each ~~said inverter~~ of the plurality of inverters has its own controller.

4. (Cancelled)

5. (Currently amended) ~~A device as in~~ The AC electricity supply system of claim 1 wherein ~~said~~ at least two of the plurality of inverters ~~are of~~ have different power ratings ~~ratings~~.

6. (Currently amended) ~~A device as in~~ The AC electricity supply system of claim 1 wherein said controller ~~connects~~ is connected to a sensor and ~~said sensor is used~~ that is configured to measure the power consumption.

7. (Currently amended) ~~A device as in~~ The AC electricity supply system of claim 1 wherein ~~said DC power source and inverter combinations~~ the plurality of inverters are connected to the AC load in parallel.

8. (Currently amended) ~~A device as in~~ The AC electricity supply system of claim 1 wherein ~~[[a]]~~ each of the plurality of DC power source can sources is configured to be recharged when not in use.

9. (Currently amended) ~~A device as in~~ The AC electricity supply system of claim 1 ~~where said~~ wherein at least one of the plurality of DC power source sources is a capacitor.

10. (Currently amended) ~~A device as in~~ The AC electricity supply system of claim 1 ~~where said~~ wherein the plurality of DC power sources are identical.

11. (Currently amended) A method ~~of producing a DC powered~~ for providing AC electricity supply, to an AC load, the method comprising:

measuring a power consumption of the AC load, wherein power is provided to the AC load from Having a plurality of inverters; connecting a inverters, each of the plurality of inverters being connected to a corresponding DC power source to each inverter; and configured to convert DC electricity from the corresponding DC power source into AC electricity;

~~connecting a controller to said inverter;~~

~~and having said controller measuring the power consumption and based on said the measured power consumption determining which inverter to activate; consumption, determining an appropriate number of inverters to activate; and~~

activating the appropriate number of inverters.

12. (Currently amended) ~~[[A]]~~ The method as in of claim 11 where said wherein the corresponding DC power source is comprises a battery.

13. (Cancelled)

14. (Cancelled)

15. (Currently amended) ~~A device as in~~ The method of claim 11 wherein having said at least two of the plurality of inverters be of have different power ratings ratings.

16. (Cancelled)

17. (Currently amended) ~~[[A]]~~ The method as in of claim 11 wherein said DC power source and inverter combinations the plurality of inverters are connected to the AC load in parallel.

18. (Currently amended) ~~[[A]]~~ The method as in of claim 11 wherein [[a]] the corresponding DC power source [[can]] is configured to be recharged when not in use.

19. (Currently amended) [[A]] The method as in of claim 11 where said wherein the corresponding DC power source is a capacitor.

20. (Cancelled)

21. (New) The AC electricity supply system of claim 1 wherein the controller is further configured to determine the appropriate number of inverters to activate in accordance with an equation or look-up table stored on the controller and based on a measured power consumption of the AC load.

22. (New) The method of claim 11 wherein determining an appropriate number of inverters to activate is performed in accordance with an equation or look-up table.